

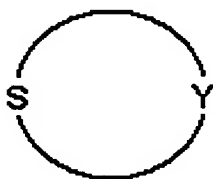
Amendments to the Claims:

The amendments indicated below are in addition to those made in applicants' November 10, 2006 reply, the entry of which is hereby requested with the filing of this RCE. Please new add Claim 14 as indicated below.

1. (Previously presented) An ink jet recording material comprising  
a support;  
at least one image recording layer; and  
a protective layer deposited on the upper side of the image recording layer,  
wherein the protective layer contains (i) an organic sulphur-containing compound  
which forms complexes with metal ions, (ii) a boric acid compound, and (iii) an  
organic compound having the formula  $\text{MeX}$  or  $\text{MeX}_2$  where Me is a transition metal  
from group VIb, VIIb, VIIIb, Ib and IIb in the Periodic Table and X is an anion of a  
carboxylic acid having 4 to 12 carbon atoms, and wherein the protective layer is  
not an image recording layer.
2. (Previously presented) The recording material according to claim 1, wherein the  
image recording layer contains at least one dye-fixing layer and at least one ink  
absorbing layer, wherein the dye-fixing layer is between the ink absorbing layer  
and the protective layer.
3. (Original) The recording material according to claim 1 wherein the transition  
metal is selected from the group consisting of copper, cobalt, nickel, and  
manganese.

4. (Original) The recording material according to claim 1 wherein the anion is an anion of a hydroxycarboxylic acid.
5. (Original) The recording material according to claim 4 wherein the hydroxycarboxylic acid is selected from gluconic acid, glucaric acid, succinic acid, hydroxysuccinic acid (malic acid), 2,3-dihydroxysuccinic acid (tartaric acid) and their mixtures.
6. (Original) The recording material according to claim 4 wherein the hydroxycarboxylic acid is selected from the group of compounds containing an aromatic ring, especially hydroxybenzoic acids such as 2-hydroxybenzoic acid (salicylic acid), 3-hydroxybenzoic acid, 4-hydroxybenzoic acid, 2,4,5-trihydroxybenzoic acid, 4- or 5-sulphosalicylic acid, 4- or 5-hydroxythiosalicylic acid.
7. (Original) The recording material according to claim 1 wherein the anion is selected from ethylene diamine tetracetic acid (EDTA), ethylene diamine triacetic acid, hydroxyethyl ethylene diamine tetracetic acid (HEEDTA), nitrolo triacetic acid or their salts.
8. (Original) The recording material according to claim 1 wherein the metal-compound-containing layer contains a hydroxybenzoic sulphonic acid as another component.

9. (Original) The recording material according to claim 1 wherein the complex-forming organic sulphur compound is a compound having the general formula  $R_2C=S$ , whereby R equally or independently of one another is hydrogen, an  $NH_2$  group, an  $NHR^1$  group, an  $NR^1_2$  group, a methyl, ethyl, propyl, isopropyl group, a substituted or non-substituted aryl with 5 to 12 carbon atoms or alkoxy with 1 to 3 carbon atoms, or both groups R form an aromatic or non-aromatic ring with 5 or 6 carbon atoms which can contain nitrogen and/or sulphur as a heteroatom, wherein  $R^1$  equally or independently of one another has the same meaning as R.
10. (Original) The recording material according to claim 1 wherein the complex-forming organic sulphur-containing compound is a compound having the general formula



wherein Y denotes the atoms required to form a substituted or non-substituted aromatic or non-aromatic ring.

11. (Original) The recording material according to claims 1 to 8, wherein the complex-forming organic sulphur-containing compound is a compound having the general formula  $R_2S$ , wherein R equally or independently of one another denotes hydrogen, alkyl with 1 to 6 carbon atoms, substituted or non-substituted aryl with

5 to 12 carbon atoms, al. koxy with 1 to 3 carbon atoms, an  $\text{NH}_2$  group, an  $\text{NHR}^1$  group, an  $\text{NR}^1_2$  group,  $\text{OR}^1$ , wherein  $\text{R}^1$  has the same meaning as R.

12. (Original) The recording material according to claim 1 wherein the metal compound/sulphur-containing compound weight ratio is 1:1 to 1:2.
13. (Previously presented) An ink jet recording material comprising:
  - a support;
  - at least one image recording layer; and
  - a protective layer deposited on the upper side of the image recording layer, wherein the protective layer consists of (i) an organic sulphur-containing compound which forms complexes with metal ions, (ii) a boric acid compound, (iii) an organic compound having the formula  $\text{MeX}$  or  $\text{MeX}_2$  where Me is a transition metal from group VIb, VIIb, VIIIb, Ib and IIb in the Periodic Table and X is an anion of a carboxylic acid having 4 to 12 carbon atoms, and (iv) one or more of a binder, a cross-linking agent, a tenside, a defoamer, and a light-stabilizing agent.
14. (New) An ink jet recording material for recording an image and for providing ozone resistance, comprising:
  - a support;
  - at least one image recording layer for recording the image; and
  - an ozone protective layer deposited on the upper side of the image recording layer, wherein the ozone protective layer contains an ozone protective amount of (i) an organic sulphur-containing compound which forms complexes

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with metal ions, (ii) a boric acid compound, and (iii) an organic compound having the formula  $\text{MeX}$  or  $\text{MeX}_2$  where Me is a transition metal from group VIb, VIIb, VIIIb, Ib and IIb in the Periodic Table and X is an anion of a carboxylic acid having 4 to 12 carbon atoms.